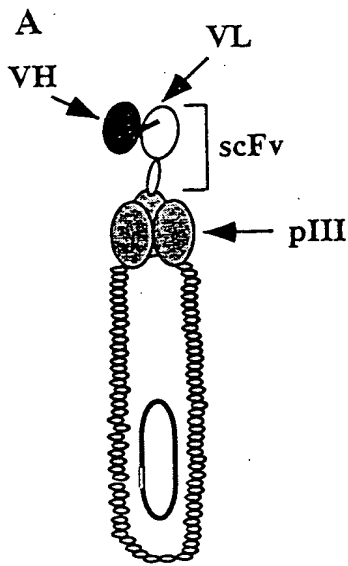


The diagram illustrates the construction and selection of a phage display library. It is divided into three main sections: A, B, and C.

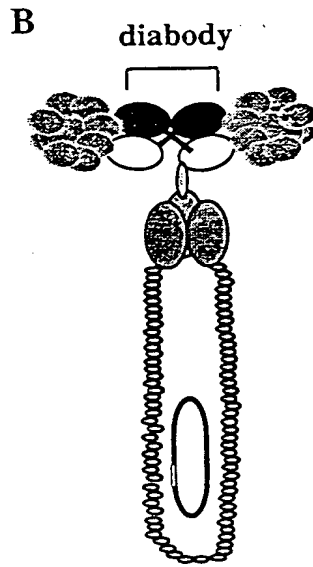
- Section A:** Shows the initial state. On the left, a phage particle contains a DNA segment with a variable heavy chain (VH) gene flanked by a promoter (indicated by an arrow) and a stop codon (indicated by a hatched box). This is labeled "VH Library". On the right, a phage particle contains a DNA segment with a variable light chain (VL) gene flanked by a promoter and a stop codon. This is labeled "VL Library".
- Section B:** An arrow points down from Section A to a phage particle where the VH and VL genes have been joined by a linker (indicated by a hatched box). The phage particle is shown with its tail and tail fibers. The joined DNA is labeled "VH" and "VL".
- Section C:** An arrow points down from Section B to a phage particle where the joined VH and VL genes are now flanked by a promoter and a stop codon. This is labeled "pHEN1". The phage particle is shown with its tail and tail fibers.

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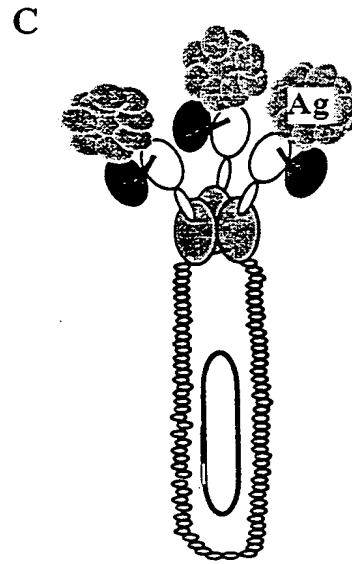
scFv
phagemid

Fig. 2A



diabody
phagemid

Fig. 2B



scFv
phage

Fig. 2C

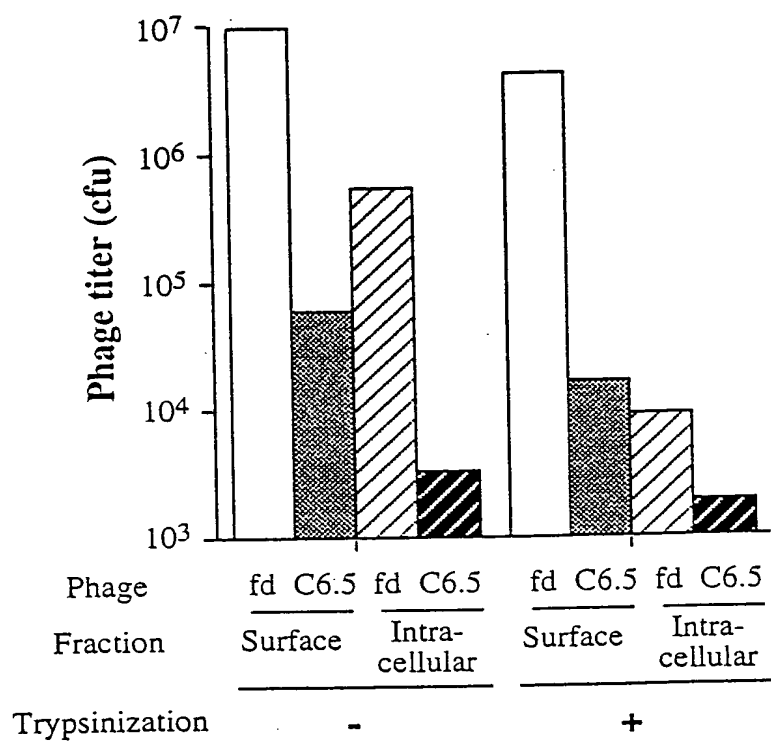


Fig. 3

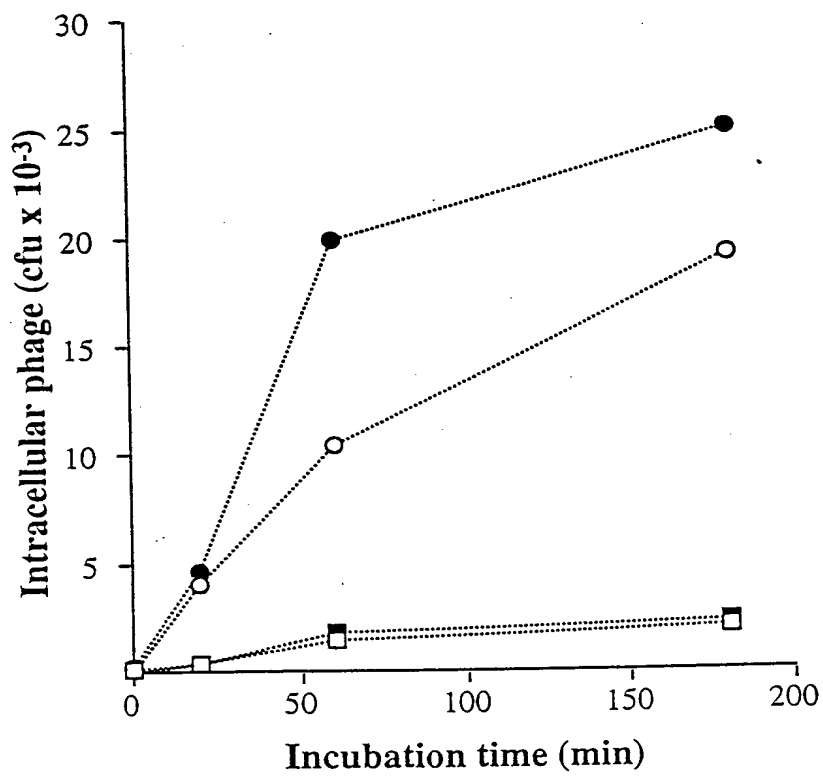


Fig 4

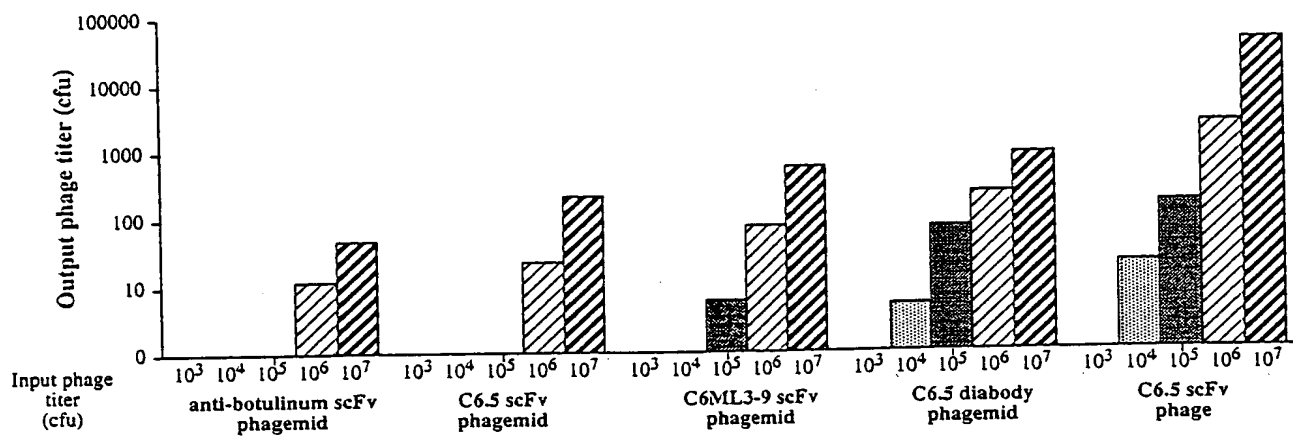


Fig. 5

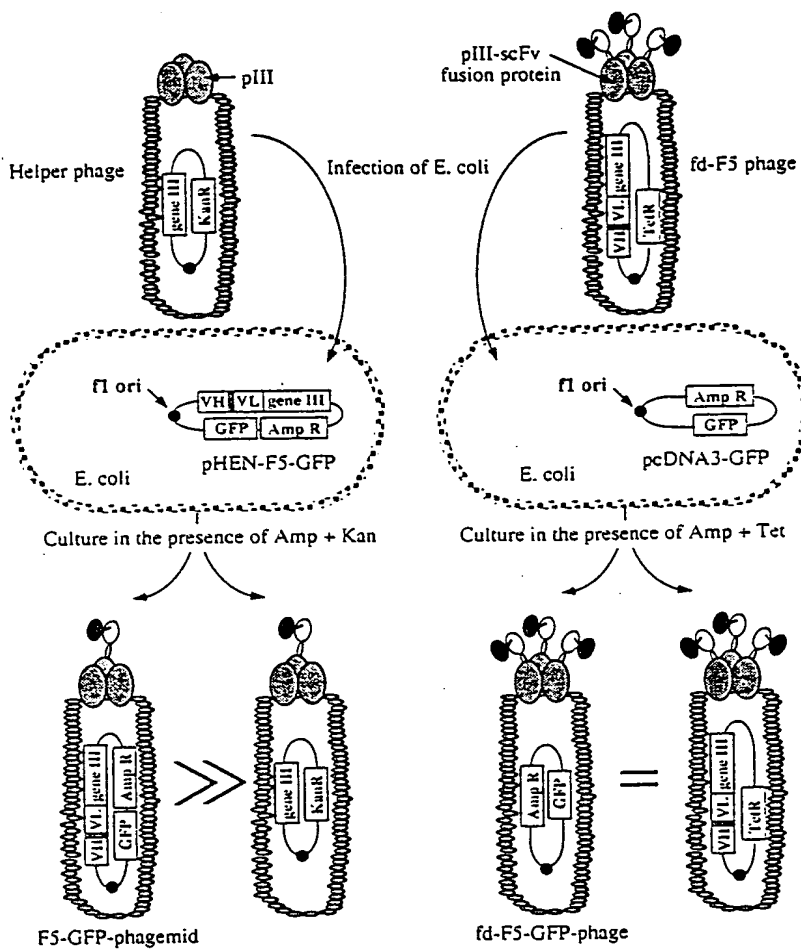


Fig. 6

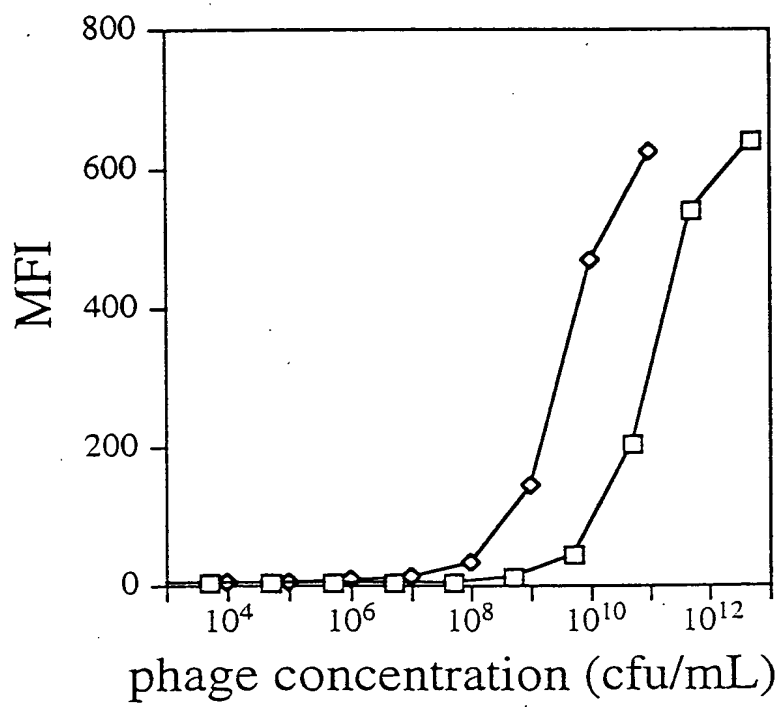


Fig. 7

66220 62561660

Fig. 8A

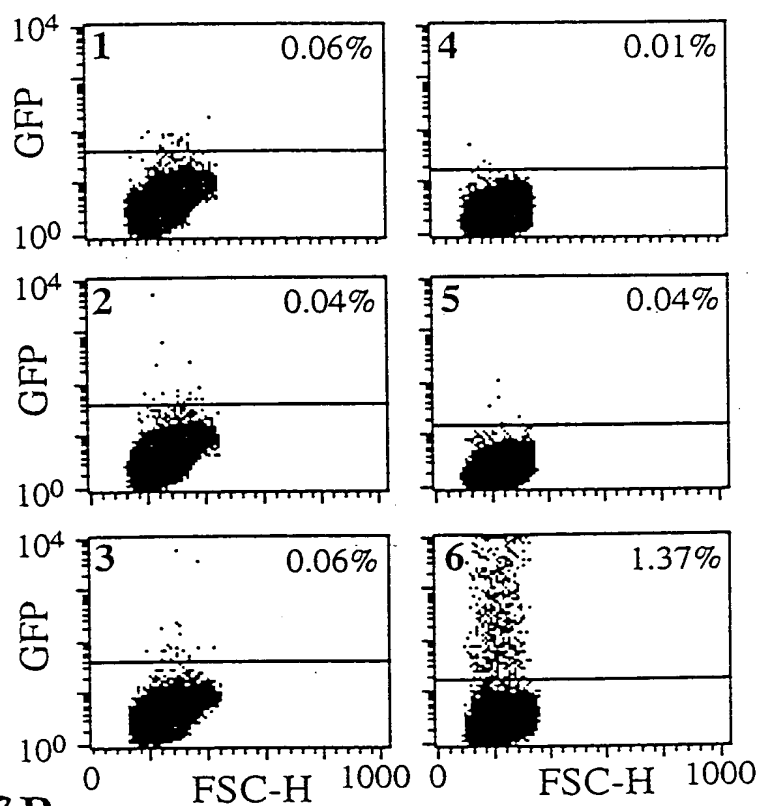


Fig. 8B

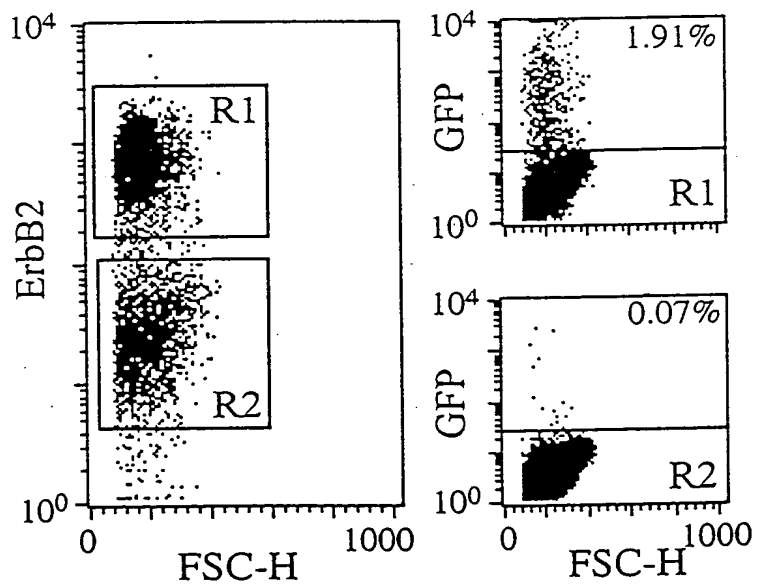


Fig 9A

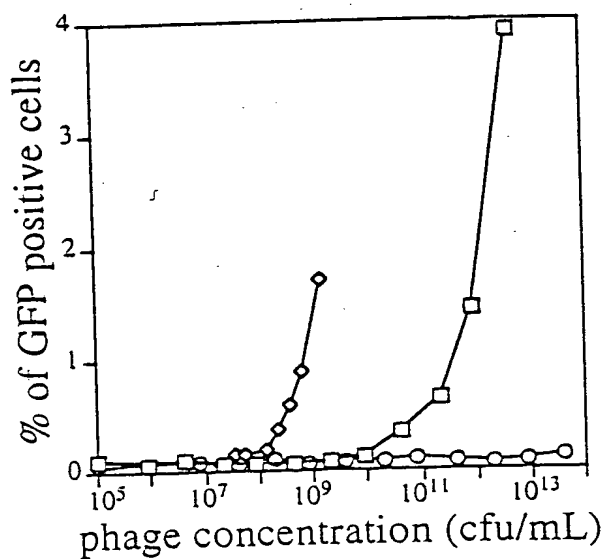


Fig. 9B

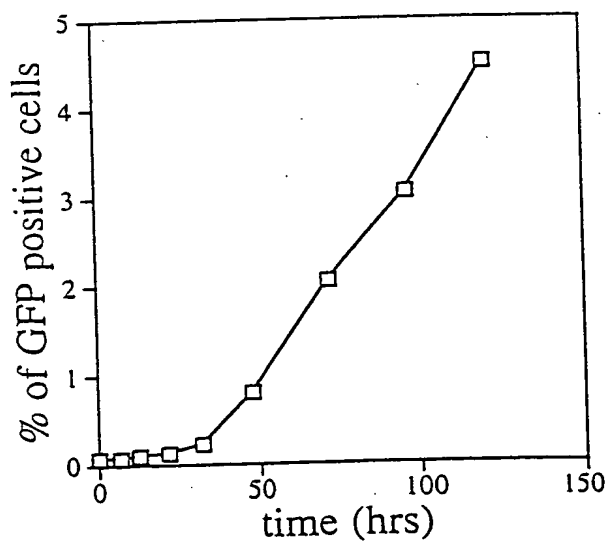
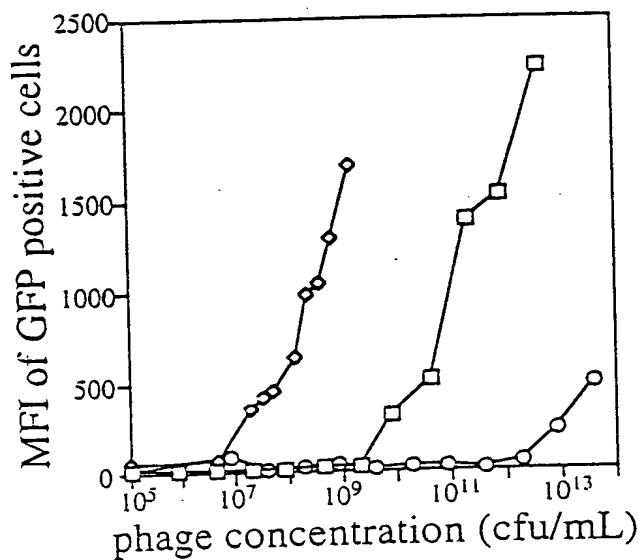


Fig 9C

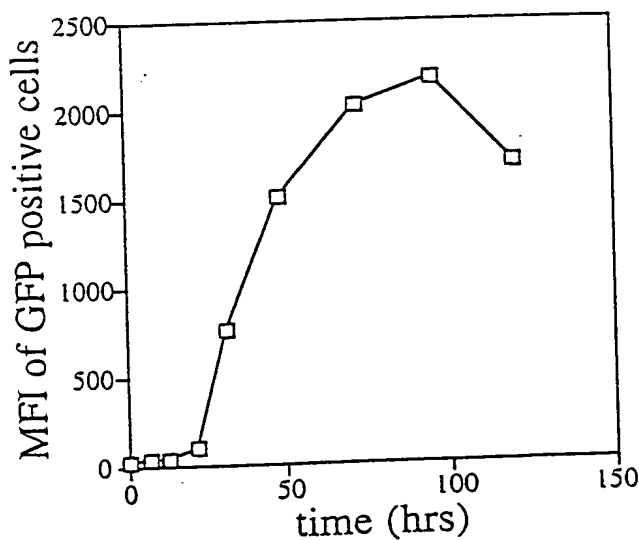


Fig 9D